

R E M A R K S

Careful review and examination of the subject application are noted and appreciated.

SUPPORT FOR CLAIM AMENDMENTS

Support for the amendments to the claims can be found in the drawings as originally filed, for example, on FIGS. 2-4 and in the specification as originally filed, for example, on page 5, line 8 through page 8, line 19 and on page 9, line 4 through page 11, line 9. As such, no new matter has been introduced.

CLAIM REJECTIONS UNDER 35 U.S.C. §102

The rejection of claims 1-8 and 10-20 under 35 U.S.C. §102(e) as being anticipated by Silverman, et al. (U.S. Patent No. 6,370,603, hereinafter Silverman) has been obviated by appropriate amendment and should be withdrawn.

Silverman is directed to configurable universal serial bus (USB) controller implemented on a single integrated circuit (IC) chip with media access control (MAC).¹

In contrast to Silverman, the presently claimed invention (claim 1) provides a serial interface engine (SIE) configured to (i) automatically generate a response to a request when the request is a first type of request that the serial interface engine is

¹ See Title of Silverman.

configured to recognize and (ii) pass (a) the request from the interface circuit to an external circuit and (b) the response to the request from the external circuit to the interface circuit when the request is a second type of request that the serial interface engine is not configured to recognize. Claims 12 and 13 include similar limitations.

Although Applicant's representative does not necessarily agree with the interpretation of the term "serviceable" contained within the Office Action (see page 4, lines 1-8 and page 6, lines 15-20 of the Office Action), the claims have been amended in light of the interpretation to advance the prosecution of the application.

Silverman does not disclose or suggest a serial interface engine (SIE) configured to (i) automatically generate a response to a request when the request is a first type of request that the serial interface engine is configured to recognize, as presently claimed. Therefore, Silverman does not disclose or suggest each and every element of the presently claimed invention, arranged as in the present claims. As such, the presently claimed invention is fully patentable over the cited reference and the rejection should be withdrawn.

Claims 2-11 and 14-20 depend, either directly or indirectly, from claims 1 and 13 which are believed to be allowable. As such, the presently claimed invention is fully

patentable over the cited reference and the rejection should be withdrawn.

CLAIM REJECTIONS UNDER 35 U.S.C. §103

The rejection of claim 9 under 35 U.S.C. §103(a) as being unpatentable over Silverman has been obviated by appropriate amendment and should be withdrawn.

Claim 9 depends directly from claim 1 which is believed to be allowable. As such, the presently claimed invention is fully patentable over the cited references and the rejection should be withdrawn.

Accordingly, the present application is in condition for allowance. Early and favorable action by the Examiner is respectfully solicited.

The Examiner is respectfully invited to call the Applicant's representative should it be deemed beneficial to further advance prosecution of the application.

If any additional fees are due, please charge our office
Account No. 50-0541.

Respectfully submitted,

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